



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

September 8, 1998

Mr. J. A. Scalice
Chief Nuclear Officer
and Executive Vice President
Tennessee Valley Authority
6A Lookout Place
1101 Market Street
Chattanooga, Tennessee 37402-2801

50-260/296
See Amends to DL

SUBJECT: ISSUANCE OF AMENDMENTS RE: POWER UPRATE - BROWNS FERRY
PLANT, UNITS 2 AND 3 - (TAC NOS. M99711 AND M99712)

Dear Mr. Scalice:

The Nuclear Regulatory Commission (NRC or the Commission) has issued the enclosed Amendment No. 254 to Facility Operating License No. DPR-52 and Amendment No. 214 to Facility Operating License No. DPR-68 for the Browns Ferry Nuclear Plant (BFN) Units 2 and 3. The amendments change the Technical Specifications in response to your application for amendment dated October 1, 1997, as supplemented October 14, 1997, March 16 and 20, April 1 and 28, May 1, 20 and 22, June 12, 17 and 26, and July 17, 24 and 31, and September 1, 1998. The amendments allow operation of BFN Units 2 and 3 at 3458 Megawatts thermal and approve changes to the TS to implement uprated power operation.

The Commission has also amended the Facility Operating Licenses, Appendix B, to include additional license conditions. These license conditions were discussed with, and agreed to by your staff in a telephone conversation with the staff on July 29, 1998 and by letter dated September 1, 1998. In accordance with the license conditions:

TVA will perform an analysis of the design basis loss-of-coolant accident to confirm compliance with General Design Criteria (GDC)-19 and offsite dose limits considering main steam isolation valve leakage and emergency core cooling system leakage. The results of this analysis will be submitted to the NRC for review and approval by March 31, 1999. Following NRC approval, any required modifications will be implemented during the refueling outages scheduled for Spring 2000 for Unit 3 and Spring 2001 for Unit 2. TVA will maintain the ability to monitor radiological conditions during emergencies and administer potassium-iodide to control room operators to maintain doses within GDC-19 guidelines. This ability will be maintained until the required modifications, if any, are complete.

Classroom and simulator training on all power uprate related changes that affect operator performance will be conducted prior to operating at uprated conditions. Simulator changes that are consistent with power uprate conditions will be made and simulator fidelity will be validated in accordance with ANSI/ANS 3.5-1985. Training and the plant simulator will be modified, as necessary, to incorporate changes identified during startup testing.

Please notify the Commission, by letter, upon satisfying the condition.

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September 8, 1998

A copy of the related Safety Evaluation is also enclosed. A Notice of Issuance of Amendment to Facility Operating License Nos. DPR-52 and DPR-68 (Enclosure 4) has been sent to the Office of the Federal Register for publication.

Sincerely,

A handwritten signature in black ink, appearing to read 'L. Raghavan', with a long horizontal stroke extending to the right.

L. Raghavan, Senior Project Manager
Project Directorate II-3
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket Nos. 50-260 and 50-296

Enclosures: 1. Amendment No. 254 to License No. DPR-52
2. Amendment No. 214 to License No. DPR-68
3. Safety Evaluation
4. Notice

cc w/enclosures: See next page

J. A. Scalice

- 2 -

September 8, 1998

A copy of the related Safety Evaluation is also enclosed. A Notice of Issuance of Amendment to Facility Operating License Nos. DPR-52 and DPR-68 (Enclosure 4) has been sent to the Office of the Federal Register for publication.

Sincerely,

ORIGINAL SIGNED BY:

L. Raghavan, Senior Project Manager
Project Directorate II-3
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket Nos. 50-260 and 50-296

Enclosures: 1. Amendment No. 254 to License No. DPR-52
2. Amendment No. 214 to License No. DPR-68
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cc w/enclosures: See next page

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DOCUMENT NAME: G:\BFN\99711.AMD C:\99711\FINAL.AMD

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NAME	LRaghavan		BClayton		SBlack *		RWessman*		CBerlinger*		JWermiel *	
DATE	9 / 1 / 98		1 / / 98		8/21 /98		8 / 14 / 98		8 / 17 / 98		8 / 14 / 98	
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DATE	8 / 17 / 98		8 / 26 / 98		8 / 18 / 98		1 / 98		9 / 1 / 98		9 / 1 / 98	9 / 13 / 98

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(1) Maximum Power level

The licensee is authorized to operate the facility at steady state reactor core power levels not in excess of 3458 megawatts thermal.

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 214, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. Additional Conditions

The Additional Conditions contained in Appendix B, as revised through Amendment No. 214, are hereby incorporated into this license. Tennessee Valley Authority shall operate the facility in accordance with the Additional Conditions.

4. This license amendment is effective as of its date of issuance and shall be implemented within 60 days from the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

ORIGINAL SIGNED BY:

Samuel J. Collins, Director
Office of Nuclear Reactor Regulation

Attachment 1: Page 3 of License DPR-68

Attachment 2: Appendix B

Attachment 3: Changes to the Technical
Specifications

Date of Issuance: September 8, 1998

OFFICE	PM:PDII3	PD:PDII3	D:DRPE <i>B²</i>	DD:NRR	<i>D:NRR</i>
NAME	LRaghavan <i>✓</i>	FHebdon <i>✓</i>	JZwolinski	<i>✓</i> FMiraglia	SCollins
DATE	9/1/98	9/1/98	9/1/98	9/1/98	9/3/98

Mr. J. A. Scalice
Tennessee Valley Authority

BROWNS FERRY NUCLEAR PLANT

cc:

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